Abdenour Hadid

List of Publications by Year
in descending order

70
papers	8,514
citations	279798
23
h-index	243625
44
g-index
72
all docs	72
docs citations	72
times ranked	5325
citing authors

#	Article	IF	Citations
1	Face Description with Local Binary Patterns: Application to Face Recognition. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2006, 28, 2037-2041.	13.9	4,914
2	Face Spoofing Detection Using Colour Texture Analysis. IEEE Transactions on Information Forensics and Security, 2016, 11, 1818-1830.	6.9	380
3	Face spoofing detection from single images using micro-texture analysis. , 2011, , .		294
4	OULU-NPU: A Mobile Face Presentation Attack Database with Real-World Variations. , 2017, , .		284
5	Face anti-spoofing based on color texture analysis. , 2015, , .		263
6	Vision-based human activity recognition: a survey. Multimedia Tools and Applications, 2020, 79, 30509-30555.	3.9	220
7	An original face anti-spoofing approach using partial convolutional neural network. , 2016, , .		180
8	Context based face anti-spoofing. , 2013, , .		176
9	Face liveness detection using dynamic texture. Eurasip Journal on Image and Video Processing, 2014, 2014, .	2.6	148
10	A Survey on Computer Vision for Assistive Medical Diagnosis From Faces. IEEE Journal of Biomedical and Health Informatics, 2018, 22, 1497-1511.	6.3	114
11	Face Anti-Spoofing using Speeded-Up Robust Features and Fisher Vector Encoding. IEEE Signal Processing Letters, 2016, , 1-1.	3.6	108
12	Combining appearance and motion for face and gender recognition from videos. Pattern Recognition, 2009, 42, 2818-2827.	8.1	104
13	Competition on counter measures to 2-D facial spoofing attacks. , 2011, , .		98
14	On soft biometrics. Pattern Recognition Letters, 2015, 68, 218-230.	4.2	85
15	Complementary countermeasures for detecting scenic face spoofing attacks. , 2013, , .		80
16	Ear biometric recognition using local texture descriptors. Journal of Electronic Imaging, 2014, 23, 053008.	0.9	68
17	Face spoofing detection with local binary pattern network. Journal of Visual Communication and Image Representation, 2018, 54, 182-192.	2.8	56
18	On the generalization of color texture-based face anti-spoofing. Image and Vision Computing, 2018, 77, 1-9.	4.5	55

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19	Face recognition under spoofing attacks: countermeasures and research directions. IET Biometrics, 2018, 7, 3-14.	2.5	48
20	A continuous smartphone authentication method based on gait patterns and keystroke dynamics. Journal of Ambient Intelligence and Humanized Computing, 2019, 10, 4417-4430.	4.9	42
21	COVID-19 Recognition Using Ensemble-CNNs in Two New Chest X-ray Databases. Sensors, 2021, 21, 1742.	3.8	41
22	Combining Global and Local Convolutional 3D Networks for Detecting Depression from Facial Expressions. , 2019, , .		39
23	Age estimation from faces using deep learning: A comparative analysis. Computer Vision and Image Understanding, 2020, 196, 102961.	4.7	37
24	A Spatiotemporal Convolutional Neural Network for Automatic Pain Intensity Estimation from Facial Dynamics. International Journal of Computer Vision, 2019, 127, 1413-1425.	15.6	36
25	Fingerprint liveness detection using local texture features. IET Biometrics, 2017, 6, 224-231.	2.5	35
26	Gender and texture classification: A comparative analysis using 13 variants of local binary patterns. Pattern Recognition Letters, 2015, 68, 231-238.	4.2	33
27	Replayed Video Attack Detection Based on Motion Blur Analysis. IEEE Transactions on Information Forensics and Security, 2019, 14, 2246-2261.	6.9	32
28	Efficient Detection of Occlusion prior to Robust Face Recognition. Scientific World Journal, The, 2014, 2014, 1-10.	2.1	29
29	Two Ensemble-CNN Approaches for Colorectal Cancer Tissue Type Classification. Journal of Imaging, 2021, 7, 51.	3.0	29
30	A Deep Multiscale Spatiotemporal Network for Assessing Depression From Facial Dynamics. IEEE Transactions on Affective Computing, 2022, 13, 1581-1592.	8.3	26
31	Automatic Pain Estimation from Facial Expressions: A Comparative Analysis Using Off-the-Shelf CNN Architectures. Electronics (Switzerland), 2021, 10, 1926.	3.1	25
32	Efficient Tensor-Based 2D+3D Face Verification. IEEE Transactions on Information Forensics and Security, 2017, 12, 2751-2762.	6.9	24
33	Face anti-spoofing via deep local binary patterns. , 2017, , .		24
34	Demographic classification from face videos using manifold learning. Neurocomputing, 2013, 100, 197-205.	5.9	23
35	On the use of Kinect depth data for identity, gender and ethnicity classification from facial images. Pattern Recognition Letters, 2015, 68, 270-277.	4.2	23
36	Scale space texture analysis for face anti-spoofing. , 2016, , .		23

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37	Tensor cross-view quadratic discriminant analysis for kinship verification in the wild. Neurocomputing, 2020, 377, 286-300.	5.9	21
38	Deep convolutional hashing using pairwise multi-label supervision for large-scale visual search. Signal Processing: Image Communication, 2017, 59, 109-116.	3.2	19
39	Kinship verification from facial images and videos: human versus machine. Machine Vision and Applications, 2018, 29, 873-890.	2.7	18
40	Per-COVID-19: A Benchmark Dataset for COVID-19 Percentage Estimation from CT-Scans. Journal of Imaging, 2021, 7, 189.	3.0	18
41	Audiovisual synchrony assessment for replay attack detection in talking face biometrics. Multimedia Tools and Applications, 2016, 75, 5329-5343.	3.9	17
42	On pain assessment from facial videos using spatio-temporal local descriptors. , 2016, , .		16
43	On the usefulness of color for kinship verification from face images. , 2016, , .		16
44	On the use of dynamic features in face biometrics: recent advances and challenges. Signal, Image and Video Processing, 2011, 5, 495-506.	2.7	14
45	Biometrics: In Search of Identity and Security (Q & A). IEEE MultiMedia, 2018, 25, 22-35.	1.7	14
46	Deep Binary Representation of Facial Expressions: A Novel Framework for Automatic Pain Intensity Recognition. , 2018, , .		14
47	Learning multi-view deep and shallow features through new discriminative subspace for bi-subject and tri-subject kinship verification. Applied Intelligence, 2019, 49, 3894-3908.	5.3	14
48	Kinship verification from face images in discriminative subspaces of color components. Multimedia Tools and Applications, 2019, 78, 16465-16487.	3.9	13
49	Deep Spatiotemporal Representation of the Face for Automatic Pain Intensity Estimation. , 2018, , .		11
50	Map-Matching-Based Localization Using Camera and Low-Cost GPS for Lane-Level Accuracy. Sensors, 2022, 22, 2434.	3.8	11
51	Audio-Visual Kinship Verification in the Wild. , 2019, , .		10
52	Scarce face recognition via two‐layer collaborative representation. IET Biometrics, 2018, 7, 56-62.	2.5	9
53	Kinship Verification based Deep and Tensor Features through Extreme Learning Machine. , 2019, , .		9
54	Face Anti-spoofing in Biometric Systems. Signal Processing for Security Technologies, 2017, , 299-321.	0.9	7

#	Article	IF	Citations
55	Kinship Verification using Color Features and Extreme Learning Machine. , 2018, , .		7
56	Face Presentation Attack Detection Using Deep Background Subtraction. Sensors, 2022, 22, 3760.	3.8	7
57	Measuring and mitigating targeted biometric impersonation. IET Biometrics, 2014, 3, 55-61.	2.5	6
58	A novel statistical and multiscale local binary feature for 2D and 3D face verification. Computers and Electrical Engineering, 2017, 62, 68-80.	4.8	6
59	Bag of words KAZE (BoWK) with two‐step classification for high‐resolution remote sensing images. IET Computer Vision, 2019, 13, 395-403.	2.0	6
60	Face Anti-spoofing using Hybrid Residual Learning Framework. , 2019, , .		6
61	On the robustness of audiovisual liveness detection to visual speech animation. , 2016, , .		5
62	Learning to Detect Genuine versus Posed Pain from Facial Expressions using Residual Generative Adversarial Networks. , 2019, , .		5
63	Multi-view Deep Features for Robust Facial Kinship Verification. , 2020, , .		5
64	A weighted exponential discriminant analysis through side-information for face and kinship verification using statistical binarized image features. International Journal of Machine Learning and Cybernetics, 2021, 12, 171-185.	3.6	4
65	Audiovisual Synchrony Detection with Optimized Audio Features. , 2018, , .		3
66	Face verification using local binary patterns and generic model adaptation. International Journal of Biometrics, 2015, 7, 31.	0.4	2
67	Image and video descriptors. , 2010, , .		1
68	Feature Fusion with Deep Supervision for Remote-Sensing Image Scene Classification. , 2018, , .		1
69	Detecting story-related subject captions in Chinese news videos using spatio-temporal analysis. , 2016, , .		0
70	Contextual Weighting of Patches for Local Matching in Still-to-Video Face Recognition. , 2018, , .		0